(a) whether electrification of Railways had been taken up with the objective of increased productivity and reduction of oil import,

(b) whether Ministry have not achieved the increased productivity due to hauling of trains by the electric locomotives,

(c) if so, the Trailing load and speed of a goods train hauled by the Diesel and Electric Locomotives;

(d) the total investment on electrification of main lines excluding the Suburban lines in Bombay (CR and WR), Madras (SR), Delhi (NR), Howrah/Sealdah (ER and SER),

(e) whether any Economic Cost-Benefit Analysis has ever been made of the Electrification Projects;

(f) if so, the details thereof; and

(g) the corrective measures proposed to be taken by the Government in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI SATPAL MAHARAJ) : (a) Yes, Sir.

(b) No, Sir. Electrification has enabled Indian Railways to haul heavier loads at higher speed thus increasing throughput. With only 18.79% of total routes on Indian Railways electrified, it was possible to move 54.4% goods traffic and 49% passenger traffic with electric traction during 1994-95.

(c) Average Trailing load and balancing speed of a goods train on a Tangent level track, hualed by diesel locomotive WDM 2 is 4195 Tonne and 60 KMPH. The figure in case of Electric locomotive WAG 7 is 5236 Tonne, 90 KMPH respectively.

(d) Total investment on electrification on main line upto 31.3.95 is Rs. 2663.52 crore approximately.

(e) to (g) Each of the electrification projects is appraised in terms of its financial, economic and operational aspects. Only those projects which are found advantageous in these respects are taken up for implementations, financial savings after electrification have not been specifically assessed as yet. However, Railways are being asked to carry out productivity test on electrified sections after five years of complete switch over to elctric traction.

Area Under Cultivation

4042. SHRI P.R. DASMUNSI : Will the Minister of AGRICULTURE be pleased to state :

(a) the total area of land under Sugarcane, Cotton and Jute cultivation in the country in respective States where it is mostly grown at present; and

(b) the percentage of irrigated lands out of the total area?

THE MINISTER OF AGRICULTURE (EXCLUDING THE DEPARTMENT OF ANIMAL HUSBANDING AND DAIRYING) (SHRI CHATURNAN MISHRA) : (a) A statement giving State-wise area under cultivation of sugarcane, Cotton and Jute during 1994-95 is annexed.

(b) as per Land Use Statistics 1992-93 (latest available), the irrigated area out of the total net cultivated area in the country is 35.7 percent.

STATEMENT

Area Under Jute, Cotton and Sugarcane During 1994-96

Name of the State	Cotton	Jute	Sugarcane
Andhra Pradesh	837.1	—	209.0
Assam	1.7	90.9	35.6
Bihar	0.3	122.3	123.2
Gujarat	1204.7	—	154.7
Haryana	557.0	—	120.0
Himachal Pradesh	0.1	—	2.4
Jammu & Kashmir	0.1	—	0.3
Karnataka	643.9	—	315.2
Kerala	12.3	—	5.3
Madhya Pradesh	491.5	—	41.9
Maharashtra	2759.9	—	517.5
Orissa	6.6	23.7	20.3
Punjab	606.0	—	83.0
Rajasthan	485.9	—	21.9
Tamil Nadu	295.8	—	309.3
Uttar Pradesh	11.1	0.4	1831.5
West Bengal	0.1	507.9	10.6
Others	10.9	5.9	10.6
All India	7925.0	751.1	3814.8

Dieselisation of Darjeeling Railway

4043. SHRI R. B. RAI : Will the Minister of RAILWAYS be pleased to state :

(a) whether the Government have received any representation demanding dieselisation of the Darjeeling Himalayan Railway;

(b) if so, the decision of the Government in this regard; and

(c) the time by which it is likely to be finalised?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI SATPAL MAHARAJ) : (a) Yes, Sir.